

MUKOSEYEV, Yu. L., ingenieur.

Effect of changing the power in three-phase unsymmetrical circuits
having mutual inductivity. Trudy GPI 12 no.1:35-42 '56. (MLRA 10:5)
(Electric circuits)

MUKOSHEV, Yu. L.; ZEL'TSBURG, L.M.

Economics of power factor compensation in industrial enterprises. Energ.
biul. no.5:2-7 My '57. (MIRA 10:6)
(Electric power)

1950-1959 U.S.
U.L.

AUTHOR

MUKOSEYEV Yu. L., Candidate of Technical Sciences.

TITLE

The Proximity Effect in Rectangular Bus Bars.

(Effekt blizosti v pryamougol'nykh shinakh.- Russian)

PERIODICAL

Elektrichestvo 1957, Nr 9, pp 36-38 (U.S.S.R.)

ABSTRACT

Experimental results are given. Aluminum bars of 100 x 10 mm with 50 Hz and a current change in the bar within the range of from 600-1600 A. Measurements were carried out with a compensator of L.R. NEYMAN. The basic reason for the measurements was to obtain complex values of the maximum current density in the bar by means of which the magnitude of the total internal resistance can be determined. The experiments showed the following: the proximity effect shows very clearly in the case of a distribution of the current density if the distance between the bars changes. If the bars are situated with their broadsides to one another the current density, according to the height of the bar, is distributed the more equally the closer is the bar with the reverse current. The coefficient of the proximity effect becomes smaller than one and therefore the coefficient $k_{||}$ (coefficient of the nonuniformity of the current distribution in the bar cross-section) is equal to the ratio between the effective resistance of the bar and

105-9-8/32

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The Proximity Effect in Rectangular Bus Bars.

the resistance of the bar in the case of d.c. current) tends towards the value one although the density of current at the various sides of the bar is not the same: with approaching bars the current paths are drawn to the inner sides of the bars. This is especially clear if the bars are situated with their narrow sides directed toward one another. The author also shows that the magnitude of (internal) reactance in the case of a distance between the bars of from 10 - 40 mm amounts to about 40 % of the total inductive resistance and decreases to 10 % and less if the distance increases. The author shows that in the case of a heating from 20 to 70°C k_y decreases only by 4 %, while x_1 (component of inductive resistance, dependent on the field in the bar) increases by 15 %. It is most rational if $k_y < 1$, and therefore it is not purposeful to arrange the bars with their narrow sides directed toward one another. This applies in the case of a single-phase bar line. In the case of bars with the same direction of current it is best to arrange the bars one above the other. An increase of the number of bars in a group of more than three is not rational. Four bars should be distributed along the sides of a square.

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105-9-8/32

The Proximity Effect in Rectangular Bus Bars.

(There are 6 Illustrations and 6 Slavic References)

ASSOCIATION: "Elektroproyekt", Gor'kiy
(Gor'kiy, Elektroproyekt)

PRESENTED BY: -

SUBMITTED: 1.2. 1956

AVAILABLE: Library of Congress.

CARD 3/3

8(3); 24(3)

PHASE I BOOK EXPLOITATION

SOV/2671

Mukoseyev, Yury Leonidovich

Raspredeleniye peremennogo toka v tokoprovodakh (Distribution of Alternating Current in Conductors) Moscow, Gosenergoizdat, 1959. 135 p. 5,300 copies printed.

Ed.: D.V. Bychkov; Tech. Ed.: G.Ye. Larionov.

PURPOSE: This book is intended for electrical engineers engaged in the design, installation and operation of electric installations with a-c high-current conductors.

COVERAGE: The book discusses the physical principles of distributing alternating currents of over 1000 amp at frequencies of 50 to 10,000 cps, in conductors of industrial and power installations. A survey of theoretical and experimental works on the investigation of skin effect and proximity effect in single-phase conductors is presented. In three-phase conductors, in addition to these effects the effect of power transfer is covered. Some recommendations are made as to the efficient construction of conductors with consideration for all three above-mentioned effects. The author has systematized the material collected chiefly

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Distribution of Alternating Current in Conductors

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from non-Soviet sources and includes the results of some original investigations. He thanks the following persons for their help: Professor A.V. Netushil, Doctor of Technical Sciences, Professor M.A. Perekalin, Engineer N.G. Geymin, and D.V. Bychkov, Candidate of Technical Sciences, Docent. There are 454 references: 149 Soviet, the rest mostly English and German.

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Distribution of Alternating Current in Conductors

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Card 3/4

MUKOSEYEV, Yu.L.

All-Union conference on economy in the electric power supply of
industrial enterprises. Prom. energ. 15 no.11:52-53 N '60.
(MIRA 14:9)

(Electric power distribution)

KIZEVETTER, Ye.N.; KLEYN, P.N.; KHARCHEV, M.K. [deceased];
VOLOBRINSKIY, S.I.; GRODSKIY, S.Ye.; YERMILOV, A.A.;
KAYALOV, G.M.; LIVSHITS, D.S.; MAKSIMOV, A.A.; MESHEL',
B.S.; MUKOSEYEV, Yu.L.; OGORODNOV, S.I.; ROZENBERG, V.A.;
SHRAYBER, L.G.; ZALESSKIY, Yu.Ye., retsenzent; IOKHVIDOV,
E.S., retsenzent; FEDOROV, A.A., retsenzent; SAVEL'YEV,
V.I., red.; LARIONOV, G.Ye., tekhn. red.

[Temporary instructions for determining the electrical loads
of industrial enterprises] Vremennye rukovodiashchie ukaza-
niia po opredeleniiu elektricheskikh nagrusok promyshlennykh
predpriatii. Moskva, Gosenergoizdat, 1962. 45 p.
(MIRA 16:2)

1. Russia (1923- U.S.S.R.) Glavnoye energeticheskoye uprav-
leniye. 2. Leningradskoye otdeleniye Gosudarstvennogo pro-
yektnogo instituta tyazheloy promyshlennosti (for Kizevetter,
Kleyn, Kharchev). 3. Komissiya po elektricheskim nagruskam
Nauchno-tehnicheskogo obshchestva energeticheskoy promyshlen-
nosti (for Volobrinskiy, Grodskiy, Yermilov, Kayalov, Livshits,
Maksimov, Meshel, Mukoseyev, Ogorodnov, Rozenberg, Shrayber).
(Electric power distribution)

MUKOSEYEV, Yu.L., kand. tekhn. nauk; ZEL'TSBURG, L.M., kand. tekhn. nauk

Flexible water-cooled cables for steel-smelting electric arc
furnaces. Prom. energ. 18 no.6:59-60 Je '63. (MIRA 16:7)

1. Gorb'kovskiy politekhnicheskiy institut.
(Electric cables—Cooling)
(Electric furnaces)

MUKOSEYEV, Yu.L., prof. (Gor'kiy); GORODNOV, S.I., inzh. (Gor'kiy)

Problem concerning the determination of electrical loads of industrial
enterprises. Elektrичество no.3:46-47 Mr '63. (MIRA 16:4)
(Electric power distribution)

MUKOSEYEV, Yu.L.

Plenum of a section of the Central Administration of the
Scientific and Technical Society of the Power Industry, on
electric power supply of industrial enterprises. Prom. energ.
(MIRA 17:6)
19 no.5:51-52 My '64.

MUKOSEYEV, Yu.L., prof.

Use of doubled reactors for voltage stabilization in industrial power distribution networks. Elektrichesvo no.4:48-50 Ap '65. (MIRA 18:5)

1. Gor'kovskiy politekhnicheskiy institut.

MUKOSEYEV, Yu.L.

"Principles of electric power supply of industrial enterprises" by
A.A.Ermilov. Reviewed by Iu.L.Mukoseev. Prom. energ. 20 no.5:60-62
(MIRA 18:7)
My '65.

L 22578-66
ACC NR: AP6012975

SOURCE CODE: UR/0094/65/000/009/0043/0043

AUTHOR: Bol'sham, Ya. M.; Vinogradov, A. A.; Volebrinskiy, S. D.; Geyler, L. B.; Grudinsky, P. G.; Dolginov, A. I.; Zil'berman, R. I.; Kazak, N. A.; Kletenik, B. I.; Knyazevskiy, B. A.; Livshits, D. S.; Mel'nikov, N. A.; Minin, G. P.; Mukoseyev, Yu. I.; Nayfel'd, M. R.; Petrov, I. I.; Ravin, V. I.; Samover, M. L.; Serbinovskiy, G. V.; Syromyatnikov, I. A.

ORG: none

TITLE: Lev Veniaminovich Litvak (on the occasion of his 60th birthday)

SOURCE: Promyshlennaya energetika, no. 9, 1965, 43

TOPIC TAGS: electric engineering personnel, electric power engineering

ABSTRACT: The noted specialist of industrial power production, Candidate of Technical Sciences, Docent of the Correspondence Power Institute Lev Veniaminovich LITVAK began his engineering activity at the Moscow Association of State Electric Stations in 1929. Later he became one of the coauthors of all the "Directives for the increase of the power factor" issued in 1954, 1955, and 1961. He published 70 scientific papers. For his successful activities in defense industries during World War II he was decorated by "Znak Pocheta." After the war he concentrated on scientific-pedagogical work and in recent years worked actively in

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L 22578-66

ACC NR: AP6012975

the Teaching-Methodological Commission of the Ministry of Higher and
Intermediate Special Education USSR, for the specialty "Electrical supply
to industrial enterprises and cities." Orig. art. has: 1 figure. [JPRS]

SUB CODE: 05, 10, 09 / SUBM DATE: none

O

Card 2/2 BK

L 27947-66

ACC NR: AR6017709

SOURCE CODE: UR/0105/66/000/001/0086/0086
(1)

AUTHOR: Avilov-Karnaukhov, B. N.; Bol'sham, Ya. M.; Venikov, V. A.; Volobrinskij, S. D.; Yermilov, A. A.; Konstantinov, B. A.; Myazevskij, B. Ye.; Minin, G. P.; Miller, G. R.; Mukoseyev, Yu. L.; Petrov, I. I.; Serbinovskij, G. V.; Syromyatnikov, I. A.; Fedorov, A. A.; Kholmskij, G. V.; Shagalov, A. S.; Chilkin, M. G.

ORG: none

TITLE: Prof. Georgiy Mikhaylovich Kayalov (on his 60th birthday)
(3)
(b)

SOURCE: Elektrичество, no. 1, 1966, 86

TOPIC TAGS: academic personnel, electric engineering personnel, electric equipment

ABSTRACT: In 1929, G. M. Kayalov completed the electrotechnical department of the Mechanical Faculty of the Novocherkassk Polytechnical Institute. Until 1947, he worked in the planning department of the Rostov Division of the All-Union Electrotechnical Union. In this time, he rose to the position of Chief Engineer. He directed the planning of a large number of important pieces of electrical equipment for various projects. He was active in the postwar restoration of many important industrial enterprises. He is the author of almost 70 published works, and has made a great contribution to modern, scientifically based methods of design and analysis of electrical loads for industrial equipment. He is on a number of commissions and in many scientific and technical societies. Orig. art. has: 1 figure. [JPRS]

SUB CODE: 09 / SUBM DATE: none
Card 1/1 BLCUDC: 621.34
(2)

GIL'BIKH, G.S., inzh.; MUKOSEYEV, Yu.L., prof.; NIKULIN, Yu.P., inzh.; BAK, S.I.,
inzh.

Electric power supply of oil well drilling rigs. Prom. energ. 20
no. 10:28-34 0 '65. (MIRA 18:10)

1. Kazanskoye otdeleniye Gosudarstvennogo proyektogo instituta
"Elektroproyekt" (for Gil'bikh). 2. Gor'kovskiy politekhnicheskiy
institut (for Mukoseyev). 3. Trest Tuymazaburnefti, Bashkirskaya
SSR (for Nikulin). 4. Institut Bashnefteproyekt (for Bak).

MUKOSHEVA, A.P., uchitel' nitsa

Raising seedlings in frameless hotbeds. Biol. v shkole no. 2:84
Mr-Ap '59. (MIRA 12:4)

1. Staro-Salavanskaya srednyaya shkola, Novo-Malyklinskogo rayona,
Ul'yanovskoy oblasti.
(Hotbeds)

MUKOSEYEVA, O. M.

MUKOSEYEVA, O. M. -- "Traumatic Mastoiditis, Its Treatment and Outcome."
Kazan State Medical Inst, Chair of Otorhinolaryngology. Kazan'
State Inst for the Advanced Training of Physicians, Chair of Oto-
rhinolaryngology. Kazan, 1955. (Dissertation for the Degree of
Doctor in Medical Sciences).

So.: Knizhnaya Letopis', No. 2, 1956.

MUKOSEYEVA, O.M., prof.

Tracheal abscess as a complication in esophageal burn.
Vest. oto-rin. 25 no.2:100-101 Mr-Ap '63. (MIRA 17:1)

1. Iz Kazanskogo nauchno-issledovatel'skogo instituta
travmatologii i ortopedii (konsul'tant-otorinolaringolog
- prof. O.M. Mukoseyeva, dir. - kand. med. nauk U.Ya.
Bogdanovich).

MUKOSMYVA, Ye. V.

Excursion for the study of grain cleaning and sowing machines.
Biol. v shkole no.1:27-31 Ja-F '58. (MIRA II:1)

1. Melitopol'skiy gosudarstvennyy pedagogicheskiy institut.
(Agriculture--Study and teaching) (Agricultural machinery)

MUKOSEYEVA, Ye.V.

Fall excursion into the park. Biol. v shkole no.4:28-33
Jl-Ag '58. (MIRA 11:9)

1. Melitopol'skiy pedagogicheskiy institut.
(Botany--Study and teaching)

MUKOSHEYVA, Ye.V.

Field trip to a greenhouse to study plant propagation. Biol.
v shkole no.1:25-29 Ja-F '60. (MIRA 13:5)

1. Melitopol'skiy pedagogicheskiy institut.
(Plant propagation)

MUKOSEYEVA, Ye.V.

Excursion to the city park. Biol.v shkole no.3:9-14 My-Je '61.
(MIRA 14:7)

1. Melitopol'skiy pedagogicheskiy institut.
(School excursions) (Nature study)

MIKOSEYEVA, Ye.V.

Fall excursion to a school lot. Biol.v shkole no.4:51-54 Jl-4g
'62. (MIRA 15:12)

1. Melitopol'skiy pedagogicheskiy institut.
(School gardens)

MUKOSIEJ, Jerzy, mgr inż.

Dissipation of heat through the ribbed surface of bodies of electric machines. Inst elektrotech prace 10 no.29:23-70 '62.

1. Zaklad Maszyn Elektrycznych, Instytut Elektrotechniki, Warszawa.

MUKOSOV, I. G.

MUKOSOV, I.G., laureat Stalinskoy premii; FRANCHUK, K.O., nauchnyy re-
daktor; OZENAROVA, I.L., redaktor; DVORETSKOVA, N.I., tekhnicheskiy
redaktor.

[High-speed method of brick kilning] Skorostnoi obshig kirkicha
v kel'tsevykh pechakh. Moskva, Gos. izd-vo lit-ry po stroit. ma-
terialam, 1953. 23 p.
(Brickmaking)

ISSAAWI, Charles Philip; MUKOTIN, K.G. [translator]; NICHIPORUK, O.K.
[translator]; TUZMUKHAMEDOV, R.A., red.

[Egypt at mid-century; an economic survey] Egipet v sredine
XX veka; ekonomicheskii obzor. Moskva, Izd-vo inostr.lit-ry,
1958. 439 p. Translated from the English. (MIRA 13:7)
(Egypt--Economic conditions)

MUKOVKIN, D.M.

BSA-6 boring machine. ~~Ugol' 35~~ no. 9:14 S '60.

(MIREA 13:10)

1. Anzheraskiy mashinostroitel'nyy zavod.
(Boring machinery)

MILKOVSKY, V.

injection of the blood serum with lugol's solution in healthy
and sick children. Vop. zemat. v pediat. no.3:153-155 '54.
(MIRA 18:7)

TSVETAYEVA I. P., MUKOVNIKOVA, M. K., NIKITIN N. I.

Larch

Chemical composition of the wood of the Daurian larch. Zhur. prikl. khim. 25 No. 2,
1952.

9. Monthly List of Russian Accessions, Library of Congress, August 1952, Unclassified.

MUKOVNIN, V., nichman

Warrant Officer is an innovator. Starsh.-serzh. no.4:31 Ap
'62. (MIRA 15:4)
(Russia--Navy--Electric installations)

ROZENTAL', L.V.; AVERBUKH, Z.K.; BURDYGINA, G.I.; MUKOVNINA, A.F.;
STRYUKOVA, V.V.

Black anti-halation layer for color films. Usp. nauch. fot. 8
67-71 '62.
(MIRA 17:7)

1. MUKOVOZOV, I. N., Lt. Col.
2. USSR (600)
4. Dentistry
7. Practical application of Pavlov's theory. In Stomatologija, No. 4, 1952.

9. Monthly List of Russian Accessions, Library of Congress, February, 1953. Unclassified.

MUKOVZOV, I.N.

MUKOVZOV, I.N. (Krasnodar); AFON'KIN, P.S. (Krasnodar).

Use of anesthesia in pulpitis. Stomatologija no.5:20-21 '53.
(MLRA 7:1)
(Anesthesia in dentistry) (Teeth--Diseases)

MUKOVOZOV, I.N., kand. med. nauk (Leningrad, Izmaylovskiy prospekt.
d.2, kv.90)

Intratracheal intubation by the "blind" nasal method. Vest.
Khir. 91 no.12:70-72 D '63. (MIRA 17:9)

1. Iz kliniki chelyustno-litsevoy khirurgii i stomatologii (nachal'-
nik- prof. M.V. Mukhin) Voyenno-meditsinskoy ordena Lenina akademii
imeni Kirova.

MUKOVOCOV, I.N. (Krasnodar)

Relation of gingivostomatitis to certain gastrointestinal diseases.
Stomatologija no.5:11-12 8-0 '54.

(MLRA 7:11)

(GINGIVITIS, complications,
gastrointestinal dis. in gingivostomatitis)
(STOMATITIS, complications,
gastrointestinal dis. in gingivostomatitis)
(GASTROINTESTINAL DISEASES, complications,
gingivostomatitis)

MUKOVZOV, I.M.

Changes in the mucous membrane of the oral cavity in acute leucoses.
Stomatologija no.5:60 S-0 '55. (MIRA 9:2)

(LEUCOSIS) (MUCOUS MEMBRANE)

MUKOVOZOV, I.N., podpolkovnik meditsinskoy sluzhby

Data on organization of planned oral hygiene in hospitals. Voen-med.
zhur. no.1:72-74 Ja '56
(MOUTH
hyg., organiz. in hosp.) (Rus)

MUKOVOSOV, I.N.

Foreign bodies of the submaxillary salivary gland.
Stomatologija 37 no.5:70-71 8-0 '58 (MIRA 11:11)

1. Iz stomatologicheskogo otdeleniya (nachal'nik - podpolkovnik meditsinskoy sluzby I.N. Mukovosov) Voyennogo gospitalya (nachal'nik - polkovnik meditsinskoy sluzby M.G. Lazarev).
(SALIVARY GLANDS--FOREIGN BODIES)

MUKOVOZOV, I.N.

Use of potentiated intratracheal anesthesia in maxillofacial surgery.
Akt. vop. obzbol. no.2:63-68 '59, (MIRA 14:5)

1. Iz kliniki chelyustno-litsevoy khirurgii i stomatologii (nachal'nik -
prof. M.V.Mukhin) Voyenno-meditsinskoy ordena Lenina akademii im.
S.M.Kirova.

(INTRATRACHEAL ANESTHESIA) (FACE—SURGERY)

MUKOVOZOV, I.N.

Characteristics of intratracheal anesthesia in maxillofacial operations. Stomatologija 39 no.1:25-27 Ja-F '60. (MIRA 14:11)

1. Iz kliniki chelyustno-litsevoy khirurgii i stomatologii (nachal'nik - prof. V.M. Mukhin) Voyenno-meditsinskoy ordena Lenina akademii imeni S.M. Kirova.

(JAWS—SURGERY) (INTRATRACHEAL ANESTHESIA)

ZBARZH, Ya.M., prof.; MUKHIN, M.V., prof.; UVAROV, V.M., prof.;
KABAKOV, B.D., doktor med. nauk; ALEKSANDROV, N.M., dots.;
KLEMENTOV, A.V., dots.; FIALKOVSKIY, V.V., dots.;
MUKOVOZOV, I.N., kand. med. nauk; CHUPRINA, Yu.V., kand.
med. nauk; RINKEVICH, V.S., red.; LEBEDEVA, G.T., tekhn.red.

[Operative maxillofacial surgery] Operativnaia cheliustno-
litsevaia khirurgija. Leningrad, Medgiz, 1963. 358 p.
(MIRA 16:12)

(FACE—SURGERY) (JAWS—SURGERY) (NECK—SURGERY)

MUKOVOZOV, I.N.

Hypoxia intratracheal anesthesia in operations in the maxillo-facial area. Trudy TSIU 59:182-195 '63. (MIRA 17:9)

1. Klinika chelyustno-litsevoy khirurgii i stomatologii (zav. M.V. Mukhin) Voyenno-meditsinskoy ordena Lenina akademii imeni S.M. Kirova).

MUKOWSKY, L., MUDr.; SAVIR, K., MUDr.

On certain aspects of teaching hygiene. Cesk.sdravot. 7 no.11:
717-719 D '59.

1. Hygienicky ustav fakulty všeobecného lekarství ČU v Praze.
(HYGIENE educ.)

MUKOYEV, A.I. (Mukoyev)

V.V. Novozhilov's complex equations for orthotropic shells. Prikl. mekh.
(MIRA 18:8)
1 no. 7:122-126 '65.

1. Institut mekhaniki AN UkrSSR.

ACC NR: AP6036457

SOURCE CODE: UR/0198/66/002/011/0037/0046

AUTHOR: Mukoyed, A. P. (Kiev)

ORG: Institute of Mechanics, Academy of Sciences, UkrSSR (Institut mekhaniki AN USSR)

TITLE: Stress concentration in anisotropic and laminated shells of revolution

SOURCE: Prikladnaya mekhanika, v. 2, no. 11, 1966, 37-46

TOPIC TAGS: stress concentration, stress distribution, laminated shell, shell of revolution

ABSTRACT: The stress distribution around a circular hole in anisotropic and laminated shells of revolution with positive Gaussian curvature subjected to axisymmetrical deformation is analyzed. The middle surface of the shell is generated by the rotation of a second-order curve about its axis of symmetry. The V. V. Novozhilov equations which describe the state of stress and strain in orthotropic and laminated shells are used to derive a final differential equation whose solution by the method of asymptotic integration is demonstrated for a case of spherical shell. The stress concentration around a central circular hole in a laminated (anisotropic) spherical shell under internal pressure is analyzed. The hole is reinforced by a thin elastic ring and closed by a cover which transmits only shear

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ACC NR: AP6036457

forces. General expressions for determining the forces, moments, and stresses in shells are derived. The stress-concentration factors for every layer of the shell are introduced, and the stress distributions in single layers of shells without a hole, with a free hole, and with a reinforced hole are discussed and compared. The effect of the reinforcing ring on the stress field is mentioned. Orig. art. has: 2 figures, 1 table and 51 formulas.

SUB CODE: 20 / SUBM DATE: 14Apr66 / ORIG REF: 011 / AID PRESS: 5107

Card 2/2

MUKOZOBOVA, L. I.

MUKOZOBOVA, L. I.

Data on the accumulation of the tobacco mosaic virus as related
to the respiration of infected tobacco leaves [with summary in
English]. Zhur. ob. biol. 19 no.1:35-43 Ja-F '58. (MIRA 11:1)

1. Institut genetiki AN SSSR
(TOBACCO--DISEASES AND PESTS)
(MOAIC DISEASE)
(PLANTS--RESPIRATION)

SUKHOV, K.S.; KAPITSA, O.S.; MUKOZOBOVA, L.I.

Infection of roots by tobacco mosaic virus. Trudy Inst. gen.
(MIRA 16:7)
no.29:379-388 '62.

(Tobacco mosaic virus)
(Roots(Botany)—Diseases and pests)

MUKSINOV, M.K.

USER/Cultivated Plants - Technical, Oil, and Sugar Plants.

M-4

Obs Jour : Ref Zhur - Biol., No 3, 1958, 10941

Author : Muksinov, M.K.

Inst : Kirgiz Agricultural Academy.

Title : The Dynamism of Productivity Increase and the Alteration
in the Chemism of the Mulberry Leaf in the Vegetation
Season.

Orig Pub : Tr. Kirg. s.-kh. in-ta, 1956, No 9, 59-63

Abstract : Experiments conducted in 1953-1954 have demonstrated that
in the colder (northern) regions the greatest growth in-
crease of leaf mass occurs later than in the southern re-
gions. Therefore the silkworms must be fed later. The
quantity of albumins and water in the leaves declines as
they grow older. In the southern regions the intensity
of leaf aging is greater than in the northern ones.

Card 1/2

37

USSR/Farm Animals. Silkworm.

Abs Jour : Ref Zhur - Biol., No 7, 1958, 31057

Author : Muksinov M. K.

Inst :

Title : Sericulture in the Northern Part of the Kirgiz SSR.
(Shelkovodstvo v Severnoy Kirgizii).

Orig Pub : S. kh. Kirgizii, 1957, No 2, 32-35.

Abstract : No abstract.

Card 1/1

The End.

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MUKSINOVA, K. N.

Muksinova, K. N.

"The Phagocytic Activity of Blood Leukocytes of Animals in Various Functional States of the Cerebral Cortex." Bashkir State Medical Inst imeni 15th Anniversary VLKSM. Ufa, 1955. (Dissertation for the Degree of Candidate in Medical Science)

So: Knizhnaya letopis', No. 27, 2 July 1955

LIBINZON, R.Ye.; KONSTANTINOVA, V.V.; KUSSINOVA, K.N.; POPOVA, T.G.;
BOGACHEVA, S.A.

Effectiveness of high-polymeric DNA in the treatment of
acute radiation sickness. Radiobiologija 3 no.1:111-116
'63. (MIRA 16:2)
(RADIATION SICKNESS) (NUCLEIC ACIDS)

L 27622-66 ENT(m)
ACC NR. AP6018369

SOURCE CODE: UR/0241/66/011/001/0036/0042
25
B

AUTHOR: Kuzinova, K. N. (Moscow)

ORG: none
TITLE: Effect of the transfusion of isologous bone marrow in experimental hypoplastic anemia induced by multiple irradiation

SOURCE: Meditsinskaya radiobiologiya, v. 11, no. 1, 1966, 36-42
TOPIC TAGS: rat, bone marrow, gamma irradiation, cobalt, blood, hematopoiesis, therapeutics, radiation biologic effect

ABSTRACT: Rats of the Wistar strain weighing 135-145 grams were used in experiments carried out to determine 1) the therapeutic effect of bone marrow on hypoplastic anemia induced by multiple daily irradiation; 2) the relationship between induced by multiple anemia and the number of the transplanted cells; 3) the mechanism of the action of the transplanted bone marrow on hemopoiesis. Hypoplastic anemia was induced in the rats by subjecting them to daily gamma-irradiation (Co_{60}) in doses of 60 r at a rate of 20 r a minute. The decreased erythrocytes in the peripheral blood -- 2.5 to 3 million in one mm^3 -- was attained. Anemia developed in 75 percent of the rats within 1.5-2 months after the beginning of the irradiation. The remainder of the animals died as a result of infectious complications.

Card 1/2

UDC: 616.155.194.7-02:616-001.28-085.361-018.461-092.9

L 27622-66

ACC NR: AP6018369

cations. A suspension of bone marrow obtained from rats of the same strain was intravenously administered to the animals on a basis of 1×10^8 and 5×10^8 cells per animal on the day after the irradiation was suspended. Control animals received injections of physiological solution. Blood taken from the experimental and control animals was examined within one, 3, 5, 7, 10, 15, 20, 30, 45, and 60 days after the infusion of the bone marrow. A comparison of the condition of the control and experimental animals established that bone marrow transfusions considerably increase the survival rate of animals with hypoplastic anemia induced by gamma-radiation, with the effect of the transplantation being related to the number of cells administered; therapy with bone marrow contributes to the normalization of the bone marrow and peripheral blood composition; hemopoiesis is more intense in the animals receiving bone marrow in quantities of 5×10^8 cells than in rats receiving lesser quantities of the cells; the morphological restoration of the peripheral blood in animals with hypoplastic anemia occurs within 2 to 3 weeks after the transfusion, mainly through the functional action of the donor cells; subsequent restoration is carried on by the action of the recipients' own cells. Orig. art. has: 2 figures and 1 table. [JPRS]

SUB CODE: 06 / SUBM DATE: 15Aug64 / ORIG REF: 003 / OTH REF: 003

Card 2/2 10

MUKSINOVA, L.

Night work. Okhr. truda i sots. strakh. 4 no. 5-57 My '61.
(MIRA 14:5)
(Night work)

MUKSINOVA, L.

Legal regulation of the shorter workday in hazardous occupations.
Sots.trud 7 no.1:130-136 Ja '62. (MIRA 15:4)
(Hours of labor) (Labor laws and legislation)

MUKSINOVA, L.

Legal problems in the regulation of working time. Sots. trud 7 no.12:
124-131 D '62. (MIRA 16:2)
(Hours of labor)

MUKUMOV, Kh., student 5 kursa.

Infestation of certain gasses by Orobanche aegyptica Pers.
Sbor.stud.rab.Uz.GU no.2:107-111 '59. (MIRA 13:11)

1. Kafedra sistematiki vysshikh rasteniy Uzbekskogo gosudarstvennogo universiteta.
(Broomrape)

KABULOV, D.T.; MUKUMOV, Kh.M.

Species of host plants of the Egyptian broomrape (*Orobanche aegyptiaca* Pers.) in Central Asia. Nauch. dokl. vys. shkoly; biol. nauki no.2:111-116 '65. (MIRA 18:5)

1. Rekomendovana kafedroy vysshikh rasteniy Samarkandskogo gosudarstvennogo universiteta im. A.Navoi.

SHTEPAN, V.Ye. (Chardzhou); MUKUMOV, S. (Chardzhou)

Draconids in 1958. Astron.tsir. no.197:13-14 N '58.
(MIRA 12:?)
(Meteors--October)

KUDRYAVTSEV, N.P.; MUKUNDAN, V.

Mastering the rolling of a 100 x 50 x 4.7 mm channel on a
semicontinuous 350 mill. Metallurg , no.9:30-31 S '64.

(MIRA 17:10)

1. Bkhilayskiy metallurgicheskiy zavod.

MUKURDUMOV, R.M.

Some considerations of earthquake resistance of underground pipes.
Vod.i san.tekh. no.5:12-16 Ny '56. (MLRA 9:9)
(Pipe) (Earthquakes and building)

MUKUSHEV, M.

Analyzing the experience acquired in timbering stopes mined
with slab entry. Izv.AN Kazakh.SSR. Ser.gor.dela no.2:29-34
'59. (MIRA 13:4)
(Mine timbering) (Stoppping(Mining))

MUKUSHEV, M., Cand Tech Sci -- "On the expediency of conducting preparatory mining with stopes under conditions of the Karaganda Basin." Alma-Ata, 1961. (Min of Higher and Sec Spec Ed USSR. Kazakh Polytech Inst) in V. I. Lenin (KL, 8-61, 246)

- 273 -

ALTAYEV, Sh.A.; RYBAL'CHENKO, V.I.; MUNAYTBASOV, Ye.A.; MUKUSHEV, M.M.

Use of KZ-1 cutter-loaders for workings in the Karaganda Basin
with debris stowage in the mine. Trudy Inst. gor. dela AN Kazakh.
SSR 6:53-61 '60.

(MIRA 13:12)

(Karaganda Basin—Coal mines and mining)

ALTAYEV, Sh. I.; MUKUSHEV, M. M.; SULEYEV, E. A.; NOVIKOV, V. Ya.; GUL'NEV, G. L.

Using glass reinforced plastic in Karaganda Basin mines. Nauch.
trudy KNIUI no.14:162-164 '64. (MIRA 18:4)

ALTAYEV, Sh.A. MUKUSHEV, M.N.i. SMIRNOV, A.I.; POPOV, Yu.G.

Investigating the stressed state of the rock massif and interchamber
pillars by the photoelastic method. Nauch. trudy KNIUI no.14:168-176
'64. (MIRA 18:4)

ALTAYEV, Sh.A.; MUKUSHEV, M.N.; SMIRNOV, A.I.; POPOV, Yu.G.; NOVIKOV, V.Ya.

Analysis of coal losses in Karaganda Basin mines and ways of curtailing them. Nauch. trudy KNIUI no.14:50-62 '64. (MIRA 18-4)

MUKUTSKIY, G.V.

PA 41/49T16

USER/Electricity
Electrical Equipment

Feb 49

"A Tube Millisecondometer," G. V. Mukutskiy, Cand
Tech Sci, 1/2 p.

"Elek Stants" No 2

Describes a millisecondometer, claimed to be of
simple construction, which can be manufactured in
any electrical laboratory. Millisecondometer was
developed in the Cen Sci Electrotech Lab, Min of
Elec Power Plants. Gives illustrations of main
circuit secondometer and cathode voltmeter circuit.

41/49T16

MUKVOZ, LG.

VISHNEVSKAYA, S.M.; UDOVICHENKO, O.S.; BIRYUKOVA, K.V.; GERGIL'SKIY, V.L.;
MUKVOZ, L.G.; RUBNITSKAYA, N.N.; KORNIYENKO, Ye.I.; GUREVICH, Ye.N.;
PISSARENKO, Ye.I.; GELLER, I.Yu.; LOI, T.D.; SHEVCHUK, M.K.;
KHVALIBOVA, Ye.K.

Epidemiology and prevention of helminth infections in the region of construction of the Kakhovka hydroelectric project and the South Ukrainian Canal. Med. paraz. i paraz. bol. no.3:244-248 Jl-8 '54.

(MIRA 8:2)

1. Is gel'mintologicheskogo otdela Ukrainskogo nauchno-issledovatel'skogo instituta malyarii i meditsinskoy parazitologii imeni prof. Rubashkina (dir. instituta I.A. Demchenko, sav. otdelen prof. Ye.S. Shul'man), is epidemiologicheskogo otdela Kiyevskogo instituta epidemiologii i mikrobiologii (dir. instituta S.I. Terekhov, sav. otdelen otsent Yu.Ye. Birkovskiy), is kafedry biologii i parazitologii Dnepropetrovskogo meditsinskogo instituta (sav. kafedroy dotsent V.L. Gerbil'skiy), is Zaporoshskoy oblastnoy protivomalyariynoy stantsii (sav. stantsiyey I.P. Agafonov), is Dnepropetrovskoy oblastnoy protivomalyariynoy stantsii (sav. stantsiyey M.K. Shevchuk, is Nikolayevskoy oblastnoy protivomalyariynoy stantsii (sav. stantsiyey S.I. Ganymui).

(HELMINTIC INFECTIONS, prevention and control,
Russia, on construction of waterways)

MUNVOZ, L.G.; FENYMAN, A.G.; PANOK, S.Yu.

Effect of hymenolepiasis on the course of chronic dysentery in infants.
Med. paraz. i paraz. bol. no.4:298-301 O-D '54. (MIRA 8:2)

1. Iz Zaporozhskoy oblastnoy protivomalyariynoy stantsii i Zaporozh-skogo doma rebenka.

(DYSENTERY, BACILLARY, in infant and child,
with hymenolepiasis)

(TAPEWORM INFECTION, in infant and child,
hymenolepiasis with bacillary dysentery)

VISHNEVAKAYA, S.M.; SHEVCHUK, M.K.; KRAMARENKO, D.P.; KHVALIBOVA, E.I.;
MUKVOZ, L.G.; GUREVICH, Ye.P.; KORNIYENKO, Ye.I.; POTEYEVA, N.A.;
PISARENKO, Ye.I.; LOY, D.D.; KORABLEV, H.G.; GELLER, I.Yu.

Epidemiology and prevention of helminth infections in the zone
affected by the construction of Kakhovka reservoir and hydro-
electric station and the Upper-Ingulets Canal. Med.paraz. i paraz.
bol. 25 no.2:121-127 Ap-Je '56. (MLBA 9:8)

1. Iz gel'mintologicheskogo otdeleniya Instituta malyarii i meditsinskoy
parasitologii imeni prof. V.Ya.Rubashkina Ministerstva zdravookhraneniya Ukrainskoy SSR (dir. instituta I.A.Demchenko, sav.
otdeleniem - prof. Ye.S.Shul'man) i Dnepropetrovskoy Zaporozhskoy,
Khersonskoy, Nikolayevskoy oblastnykh sanitarno-epidemiologicheskikh
stantsiy.

(HELMINT INFECTIONS, prev. and control
in Russia, eff. of reservoir & canal constructions)

MUKVOZ, L.G.
MUKVOZ, L.G.

Preventing helminthiasis during planning and construction of large
hydraulic projects. Med.paraz. i paraz.bol. 26 no.4:472-478
Jl-Ag '57. (MIRA 10:11)

1. Iz Zaporozhskoy oblastnoy sanitarno-epidemiologicheskoy stantsii
(glavnnyy vrach A.D.Gudimov, zaveduyushchiy otdelom malyarii i
meditsinskoy parazitologii Ya.M.Belyy)
(HELMINTH INFECTIONS, prevention and control,
in hydrel. construction workers (Rus))

MUKVOZ, L.G.

Long-term results of helminthiasis control in children in Zapo-
rozh'ye [with summary in English]. Med.paraz. i paraz.bol. 27
no.5:561-566 S-0 '58. (MIRA 12:1)

1. Iz Zaporozhskoy oblastnoy sanitarno-epidemiologicheskoy stantsii
(glavnyy vrach A.L. Gudimova, zav. otdelom malyarii i meditsinskoy
parazitologii L.M. Belyy).
(HELMINTH INFECTIONS, prev. & control,
in child. (Rus))

MUKVOZ, L. G., KORNEYENKO, E. I., BEZFAMILNAYA, P. S., LOY, T. D., KORABLEV, N. G.,
GELLER, I. YU., VISHNEVSKAYA, S. M., SHEVCHUK, M. K. and EVALIBOVA, E. I.

"The Epidemiology and Prophylaxis of Helminthiasis in the Zone Af-
fecting the Construction of the Kakhovka Hydroelectric Power Station,
the Water Reservoir, and the Verkhne-Ingulets Canal."

Tenth Conference on Parasitological Problems and Diseases with Natural
Reservoirs, 22-29 October 1959, Vol. II, Publishing House of Academy of
Sciences, USSR, Moscow-Leningrad, 1959.

MUKVOZ, L.G.

Prospects for elimination of taeniasis in the Zaporozh'ye
region. Med.paraz.i paraz.bol. no.3:273-276 '61. (MIRA 14:9)

1. Iz Zaporozhskoy oblastnoy sanitarno-epidemiologicheskoy
stantsii (glavnnyy vrach A.L. Godimova, zav. otdelom Ya.M. Belyy).
(AZPOROZH'YE PROVINCE—TAENIA)

MUKVOZ, L.G.

Eradication of a focus of ascariasis in Zaporozh'ye Province.
Med.paraz.i paraz.bol. 30 no.2:138-142 Mr-Ap '61. (MIRA 14:4)

1. Iz Zaporozhskoy oblastnoy sanitarno-epidemiologicheskoy
stantsii (glavnnyy vrach A.L. Gudimova, zav. otdelen Ia.S.
Belyy).
(ZAPOROZH'YE PROVINCE—ASCARIES AND ASCARIASIS)

MUKVOZ, L.G.

"Day of the Parasitologist" in Zaporozh'ye Province. Med. paraz.
i paraz. bol. 32 no.4:510 Jl-Ag '63. (MIRA 17:8)

MUL, A.

MUL, A., dr

Emergency service in unified medicine. Zdrowie pub., Warsz. no.3:
211-212 May-June 54.
(FIRST AID,
*in Poland, organiz.)

MUL, A., Dr.

Organization of first aid service in Warsaw. Cesk. zdravot.
5 no.3:147-152 Mar 57.

1. Reditel stanice zachranne sluzby hlav. mesta Varsavy.
(FIRST AID
in Poland, organiz. (Cz))

MJL, Aleksander

Role of first aid in the organization of accident control in
Warsaw. Chir. naramad. ruchu ortop. pol. 28 no.3:337-342 '63.

(FIRST AID) (ACCIDENT PREVENTION)

[Signature]
REMS, Josef; MULAC, Albin

Projection of mastoid antrum & sigmoid sinus of newborn with relation
to diagnostic puncture of antrum. Cesk. otolar 7 no. 6:338-344 Dec 57.

1. Klinika nemoci uenich, nosnich a kronic, prednosta prof. Dr
F. Kotyza Anatomicky ustav lekarske fakulty UK, pob. v Plzni, prednosta
doc. Dr J K Kos. J. R., A. M., Plzen, Prasskay 6.

(MASTOID

projection of mastoid antrum & sigmoid sinus of newborn
with relation to diag. puncture of antrum (Cz))

(TEMPORAL BONE,

same)

(INFANT, NEWBORN, physiol.

same)

MULAC, Karel

CZECHOSLOVAKIA

MVDr

Kladno

Prague, Veterinarstvi, No 11, Nov 62, page 344.

"Determination of the pH Factor in Meat, and Its Evaluation"

MULAC, K.

Experience with the *in vivo* heparin tolerance test. C.
Svetla, K. Mušák, H. Španková, and M. Mlejnková (I.
kil. chorob, Brno, Prague). *Casopis Lékařů Českých*
93, 742-8(1954).—Coagulation time according to Lee and
White (I), recalcification time (II), and Quick's prothrombin
time (III) were estd. before the injection of 150 mg. heparin
and at frequent intervals following the injection. Av.
values before injections, calcd. on the basis of the results of
14 healthy subjects, were 4 min. 18 sec. I, 76 sec. II, and
16.2 sec. III. The II values were too scattered to make pos-
sible any evaluation. The max. effect on I and II set in be-
tween 10 and 60 min. An analysis was made of the hyper-
coagulative- and hypocoagulative-type curves. Prolonga-
tion of III lasted longer than that of I. The results obtained
were comparable to those given in the literature, but often a
curve within the normal range was found in cases where ab-
normal times would have been anticipated. I. M. Hais

MULAC, K.

✓ Thromboplastase, Spofa, O. Benesova and Z. Mular
(Kontrolní dílčí farma, Prague). *Lékařský Časopis*,
93, 933-4 (1954).—Av. values of Quick's time for normal
persons, obtained with the same sample of thromboplastin
and using an identical method in different labs., varied
between 20 and 25 sec. To compare the relative potency
of various batches and possible changes during storage, a
method was developed in which sheep plasma and a diln.
curve of standard thromboplastin from human brain were
used. Ivo M. Halász

MANSFIELD, V.; KULAC, K.

Studies on reactions of crystalline trypsin. I, Effect of trypsin and of trypsin-inhibitors on blood coagulation. Cesk. farm. 4 no. 9:462-465 Nov 55.

1. Z Vyskumneho ustavu pro farmacii a biochemii a z Kontrolniho ustavu farmaceutickeho, Praha.

(TRYPSIN,

eff. of trypsin & trypsin-inhibitors on blood coagulation)

(BLOOD COAGULATION, effect of drugs on, trypsin & trypsin-inhibitors)

MULAGULOVA, G.A.

MULAGULOVA, G. A. and BERDYRAYEV, U. V.

Mulagulova, G. A. and Berdybayev, U. V. "A case of domestic mange", Zdravookhraneniye Kazakhstana, 1949, No. 2, p. 30-32.

SO: U-4630, 16 Sept. 53, (Letopis 'Zhurnal 'nykh Statey, No. 23, 1949).

MULAGULOVA, G. A.

Mulagulova, G. A.

"Some material on the epidemiology and pathogenesis of favus."
Samarkand State Medical Inst imeni I. P. Pavlov . Samarkand,
1956. (Dissertation for the Degree of Candidate in Medical
Science)

So: Knizhnaya letopis', No. 25, 1956

MULAGULOVA, G.A.

Effectiveness of treatment of some skin diseases at the Saryagach springs and changes in the vegetative nervous system and vascular reaction. Trudy Inst. kraev.pat. AN Kazakh. SSR 7:169-178 '59.

(SARYAGACH--MINERAL WATER) (SKIN--DISEASES) (REFLEXES) (BLOODVESSELS)

MULAGULOVA, G.A.; DZHANSUGUROVA, U.I.

Use of actinomycin K in the treatment of fungous diseases of the scalp; preliminary data. Izv. AN Kazakh. SSR. Ser. med. i fiziol. no. 2:46-50 '60.
(MIRA 13:10)
(ACTINOMYCES) (DERMATOMYCOSIS) (SCALP—DISEASES)

MULAGUILOVA, G.A.; SOKOLENKO, G.S.; VOLOVA, P.I.

Work in eliminating favus. Zdrav. kazakh. 21 no.12:27-29
'61. (MIRA 15:3)

1. Iz kazakhskogo kozhno-venerologicheskogo instituta
(direktor - M.O. Omarov).
(FAVUS)

MULAGULOVA, G.A.

Change in the composition of causative agents of tricho-
mycoses in Kazakhstan from 1959 to 1963. Trudy Inst. mikrobiol.
i virus. AN Kazakh. SSR. 8:36-41 '65. (MIRA 18:11)

L 01962-67 T-2/EWP(f) WW

ACC NR: AP6028175 (A) SOURCE CODE: CZ/0078/66/000/006/0016/0016

AUTHOR: Mulak, Jiri (Engineer; Prague); Sykora, Dalibor (Engineer; Prague);
Hanzlik, Jan (Engineer; Prague)

ORG: none

39
B

TITLE: Centrifugal compressor with three pressure levels. CZ Pat.
No. PV 3419-64, Class 27

SOURCE: Vynalezy, no. 6, 1966, 16

TOPIC TAGS: compressor design, centrifugal compressor, compressor blade, diffuser

ABSTRACT: A centrifugal compressor designed for the primary loops of nuclear power plants and which may also be used for pumping three proportional quantities of fluid from a single pressure level to three different levels is introduced. The outer diameter of the impeller blades designed for the first and second pressure level is staggered, and the channels of the impeller have outlets leading into two separate diffusers. [KP]

SUB CODE: 13/ SUBM DATE: 10Jun64

Card 1/1 gd

MULAK, KAZ

MULAK, Kazimierz; GEBAUEROWA, Maria

Roentgenologic survey of city population. Gruzlica 22 no.6:415-
424 Je '54.

1. Z Dzialu Terenowego Instytutu Gruslicy w Krakowie. Dyrektor:
prof. dr St. Hormung.
(TUBERCULOSIS, PULMONARY, epidemiology,
•Poland, analysis of x-ray survey)

HORNUNG, S.; GEBAUEROWA, M.; MULAK, K.

Tuberculosis in workers of metallurgic and chemical industries.
Gruzlica, Warszawa 18 no.2:247-253 Apr-June 1950. (CLML 20:7)

1. Of the Social Department of the National Institute of Tuberculosis.

HORNUNG, S.; MULAK, K.

Tuberculosis among teachers. Gruzlica, Warszawa 18 no.2:270-275
Apr-June 1950. (CIML 20:7)

1. Of the Social Department of the National Institute of Tuberculosis
(Director—Docent Stanislaw Hornung, M.D.), Krakow.